

Method of Laser Drilling Vibrating Workpiece

5 A method and apparatus for laser drilling a vibrating workpiece. A laser is
mounted to a stationary frame. A separate machine having a separate machine
frame has a spherical lens mounted to the top of the machine frame in proximity to
a workpiece engaged by the machine. The vibrations of the machine caused by
operation are transmitted to the lens and workpiece. A laser beam emitted by the
laser is transmitted through the lens and focused on the workpiece. The apparatus
and method provides for precisely drilled and located holes or openings in the
10 workpiece